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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,176	11/25/2003	Kouji Uno	SIC-03-042	1175
29863	7590	01/10/2006	EXAMINER	
DELAND LAW OFFICE			TRAN, DALENA	
P.O. BOX 69			ART UNIT	
KLAMATH RIVER, CA 96050-0069			PAPER NUMBER	
			3661	

DATE MAILED: 01/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/707,176	UNO, KOUJI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Dalena Tran	3661	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 17 October 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6,8-20 and 22-27 is/are allowed.
- 6) ☒ Claim(s) 1-5 and 7-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>5/27/05</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### **Notice to Applicant(s)**

1. This office action is responsive to the amendment filed on 10/17/05. As per request, claims 1, 16, and 22 have been amended. Thus, claims 1-27 are pending.

The prior art submitted on 5/27/05 has been considered.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-2, are rejected under 35 U.S.C. 102(b) as being anticipated by Takeuchi et al. (5351185).

As per claims 1-2, Takeuchi et al. disclose an electronic control device for controlling a controlled device installed on a bicycle, wherein the control device comprises: a programmed computer that controls the control device, and a reset circuit that receives information related to a traveling condition of the bicycle and provides a reset signal to the computer in response to the occurrence of a predetermined traveling condition and without dependence on the operation of the control device, and traveling condition comprises bicycle speed (see the abstract; columns 2-3, lines 25-11; columns 3-4, lines 28-9; columns 4-5, lines 27-24; and columns 5-6, lines 65-63).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 3, and 21, are rejected under 35 U.S.C. 103(a) as being unpatentable over Takeuchi et al. (5351185) in view of Takata (5,226,501).

As per claim 3, Takeuchi et al. do not disclose the predetermined traveling condition comprises the bicycle speed being below a predetermined. However, Takata discloses the predetermined traveling condition comprises the bicycle speed being below a predetermined (see column 4, lines 3-25). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Takeuchi et al. by combining the predetermined traveling condition comprises the bicycle speed being below a predetermined to accurately provide a signal to reset the circuit.

As per claim 21, Takata discloses the reset circuit comprises a reset signal output circuit, and a reset activating circuit that activates the reset signal output circuit in response to the occurrence of the predetermined traveling condition (see column 4, lines 3-25).

6. Claims 4-5, and 7, are rejected under 35 U.S.C. 103(a) as being unpatentable over Takeuchi et al. (5351185) in view of Ikuma (4364448).

As per claims 4-5, Takeuchi et al. do not disclose frequency output by the alternating current generator. However, Ikuma discloses the traveling condition comprises a signal output by an alternating current generator, the traveling condition comprises a frequency output by the

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alternating current generator (see column 7, lines 20-59; and columns 10-11, lines 1-28). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Takeuchi et al. by combining frequency output by the alternating current generator to generate power output for the control circuit.

As per claim 7, Ikuma discloses the traveling condition comprises a voltage output by an alternating current generator (see columns 15-16, lines 66-34).

7. Claims 6, 8-20, 22-27, are allowable.

#### **Remarks**

8. Applicant's argument filed on 10/17/05 has been fully considered. Upon updated search, the new ground of rejection has been set forth as above.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalena Tran whose telephone number is 571-272-6968. The examiner can normally be reached on M-F 6:30 AM-4:00 PM), off every other Friday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on 571-272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

Dalena Tran

A handwritten signature in black ink, appearing to read 'Dalena Tran', with a long horizontal flourish extending to the right.

January 5, 2006